

Contents

No. 1. FEBRUARY 1971

| | |
|--|---------------|
| M. WEISSBLUTH. Hypochromism | <i>page</i> 1 |
| E. C. SLATER. The coupling between energy-yielding and energy-utilizing reactions in mitochondria | 35 |
| News from IUPAB | 73 |

NOS. 2 & 3. AUGUST 1971

| | |
|---|-----|
| CYRIL PONNAMPERUMA. Primordial organic chemistry and the origin of life | 77 |
| I. PRIGOGINE and G. NICOLIS. Biological order, structure and instabilities | 107 |
| MANFRED EIGEN. Molecular self-organization and the early stages of evolution | 149 |
| S. SPIEGELMAN. An approach to the experimental analysis of precellular evolution | 213 |
| H. H. PATTEE. Physical theories of biological coordination | 255 |
| ANDERS JOHNSON. Aspects on gravity-induced movements in plants | 227 |
| News from IUPAB | 321 |

NO. 4. NOVEMBER 1971

| | |
|---|-----|
| E. FORSLIND. Structure of water | 325 |
| H. T. WITT. Coupling of quanta, electrons, fields, ions and phosphorylation in the functional membrane of photosynthesis. | |
| Results by pulse spectroscopic methods | 365 |
| News from IUPAB | 479 |